Lm

NAVPERS 132 (Revised 4-46)

LOG BOOK

OF THE

U.S.S. X-1

SSX-1

COMMANDED BY

Lieutenant Kevin Hanlon, U.S.N.

	Commander Submarine Division 82	Division
	Commander Submarine Squadron 8	Squadron
Attached to	Commander Submarine Force, U.S. Atlantic Fleet	Flotilla
	Commander in Chief, U.S. Atlantic Fleet	Fleet

Commencing 0000 1 January 1956

and ending 0000 31 March 1956

RESTRICTED

LOG OF THE UNITED STATES SHIP U.S.S. X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London Conn

ZONE DESCRIPTION +5 Sunday (Day) 1 (Date) January (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12					SAME AS SOPA																
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H202	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting in cradle inside building 31 USN Submarine Base New London Conn. Receiving all power from shore. SOPA is Com Sub Lant 0800 Mustered crew at quarters, no un-authorized absentees.

Malone S. Jones
ENC(SS) U.S.N.

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP U.S.S X-1 (Name) SS X-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. NAVAL SUBMARINE BASE ~~TO~~ NEW LONDON CONN

ZONE DESCRIPTION +5 MONDAY (Day) 2 (Date) JAN (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12			SAME AS SOPA																		
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H^2O^2

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 RESTING IN CRADLES INSIDE OF BUILDING 31, U.S. SUBMARINE BASE, NEW LONDON CONN. RECEIVING ALL POWER FROM SHORE. SOPA IS COMSUBLANT 0800 MUSTERED CREW, NO UNAUTHORIZED ABSENTEES.

Phillip S. Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

U. S. S. X-1 (SSX1)
Care of Fleet Post Office
New York, New York

In reply refer to:
SSX-1
A12
Ser 1
3 Jan 1956

From: Officer in Charge
To: Chief of Naval Personnel

Subj: Deck Log, Type B; forwarding of

Ref: (a) Article B-3301, BuPers Manual
(b) COMSUBLANT ltr FF4-12/A12 Ser 5529 of 31 Oct 1955

Encl: (1) Type B Deck Log Covering the Period 7 Oct 1955 through 31 Dec 1955

1. Reference (b) granted authority to utilize the Type B Deck Log for this vessel.

2. Enclosure (1) is forwarded herewith in accordance with reference (a).

Kevin Hanlon
KEVIN HANLON

U. S. S. X-1 (SSX1)
Care of Fleet Post Office
New York, New York

In reply refer to:
SSX-1
A12
Ser 1
3 Jan 1956

From: Officer in Charge
To: Chief of Naval Personnel

Subj: Deck Log, Type B; forwarding of

Ref: (a) Article B-3301, BuPers Manual
(b) COMSUBLANT ltr FF4-12/A12 Ser 5529 of 31 Oct 1955

Encl: (1) Type B Deck Log Covering the Period 7 Oct 1955 through 31 Dec 1955

1. Reference (b) granted authority to utilize the Type B Deck Log for this vessel.

2. Enclosure (1) is forwarded herewith in accordance with reference (a).

KEVIN HANLON

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U.S. Naval Submarine Base, ~~TO~~ New London, Conn.

ZONE DESCRIPTION +5 Tuesday (Day) 3 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A.M. 4																					
8																					
12					Same as SOPA.																
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H_2O_2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting in cradle inside building 31, U.S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com. Sub. Lant. 0800 Mustered crew at quarters, No unauthorized absentees.

J. F. Roberts
ENS USN.

APPROVED: Kevin Hanlon LT U.S.N. COMMANDING

EXAMINED: ______ U.S.N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

AT/~~PASSAGE FROM~~ (DELETE ONE) U.S. NAVAL SUBMARINE BASE, NEW LONDON ~~TO~~ CONN.

ZONE DESCRIPTION +5 WEDNESDAY (Day) 4 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO __ MAG __ (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12				SAME AS SOPA																	
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H_2O_2 ~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting in Cradles in Building 31, US Naval Submarine Base New London, Conn. Receiving all powers from shore. SOPA is ComSubLant. 0800 Mustered crew at quarters, no unauthorized absentees. 2130 Commenced battery equalizer charge.

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Digital Surrogate of NARA Original Record - NND 927605

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) ~~AT~~/PASSAGE FROM U.S. NAVAL SUBMARINE BASE ~~TO~~ NEW LONDON CONN

ZONE DESCRIPTION +5 Thursday (Day) 5 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same as SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting in cradles in building 31 U.S.N. Submarine Base New London Conn, Receiving all power from shore S.O.P.A is Com Sub Lant 0600 Secured battery equalizing charge 0800 Mustered crew at quarters, no unauthorized absentees

Malone S. Jones
ENC (SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM U. S. Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +5 Friday (Day) 6 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradle inside building 31, U. S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com. Sub. Lant. 0800 Mustered crew at quarters. No unauthorized absentees. Andrew K. C. EN1(SS) 372-90-93, transferred to Commanding Officer, U. S. Naval Submarine Base, New London, Conn., authority BuPers ltr Pers-B2251-DIL-10 of 3 Oct., 1955.

J. A. Robert
EM1(SS) U. S. N.

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT USN

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SS X-1) (Identification number)

~~AT/PASSAGE FROM~~ (DELETE ONE) U.S. SUBMARINE BASE TO NEW LONDON, CONN

ZONE DESCRIPTION +5 SATURDAY (Day) 7 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12	SAME AS SOPA																				
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 RESTING ON CRADLES IN BUILDING 31, U.S. NAVAL SUBMARINE BASE, NEW LONDON CONN. RECEIVING ALL POWER FROM SHORE. SOPA IS COMSUBLANT — 0800 MUSTERED CREW AT QUARTERS, NO UNAUTHORIZED ABSENTEES

Phillip S. Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM US NAVAL SUBMARINE BASE, NEW LONDON CONN.

ZONE DESCRIPTION +5 SUNDAY (Day) 8 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA.															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	268				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradles in Building 31 at U.S. Naval Submarine base New London, Conn. Receiving all power from shore. SOPA is ComSubLant. — 0800 Mustered crew at quarters, no unauthorized absentees.

Charles W. Annable
ENS(SS) USN.

APPROVED: Kevin Hanlon LT USN U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London Conn

ZONE DESCRIPTION +5 Monday (Day) 9 (Date) JAN (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12							Same As SOPA														
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	380	74				
EXPENDED	0	3				
ON HAND	380	336				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradles in building 31 at USN Submarine Base New London Conn, Receiving all power from shore, SOPA is Com Sub Lant. 0800 Mustered crew at quarters, no unauthorized absentees. 0845 Commenced trucking boat to Pier 9. 0955 Lowered boat into water North side of Pier 9. 1015 Moored port side to float between piers 9+10, 1300 Commenced fueling boat, 1330 Secured fueling boat Received 74 gals 1410 Commenced taking on H_2O_2 1515 Secured loading H_2O_2, Received 380 gals 1610 Underway from float for static dive between piers 9+10.* 1725 Moored port side to float between piers 9+10
* Surfaced 1715

Malone S Jones
ENC(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ____ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

10- Jom

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Tuesday (Day) 10 (Date) January (Month), 1956

HOUR	BY LOG: Nautical miles (1)	Tenths (2)	COURSE (P.C.) Gyro / Mag (Indicate which) (3)	WIND (TRUE): Direction moving from (In degrees) (4)	Force (Knots) (5)	BAROMETER (CORRECTED): Height in inches (6)	Reading attached thermometer (7)	AIR TEMPERATURE: Dry bulb (8)	Wet bulb (9)	Weather by symbols (10)	CLOUDS: Form (By abbreviations) (11)	Ceiling (12)	Moving from (In degrees true) (13)	Total amount of sky covered in tenths (14)	Visibility (15)	SEA TEMPERATURE: At surface (16)	Main injection (17)	SEA CONDITIONS: Sea from (In degrees) (18)	Sea amount 0-9 (19)	Swell from (In degrees) (20)	Swell amount 0-9 (21)
A.M. 4																					
8																					
12				Same as SOPA																	
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	6				
ON HAND	380	314				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400- Moored portside to float between piers 9 and 10, at U.S. Naval Submarine Base, New London Conn. SOPA is Comsublant. 06.30- mustered crew, no unauthorized absentees. 0830 Underway using various courses and speeds while conducting engine trials in Thames river between U.S. Naval Submarine Base and Thames River Bridge. 1500- moored portside to at pier 9 U.S. Naval Submarine Base, New London Conn. 1530- Warped ship between piers 9 and 10 and commenced series of static dive tests. 1625 Surfaced and commenced Warping ship. 1630- moored portside to alongside float between piers 9 and 10. 1930 Commenced Battery Charge

Phillip S Thompson
EN1 (SS) USN

APPROVED: Kevin Hanlon LT U.S.N. COMMANDING

EXAMINED: ______ U.S.N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

11-Rob

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM U.S. Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +5 WEDNESDAY (Day) 11 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES (1)	TENTHS (2)	COURSE (P. C.) GYRO / MAG (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CEILING (12)	MOVING FROM (In degrees true) (13)	TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A. M. 4																					
8																					
12					SAME AS SOPA																
16																					
24																					

POSITION HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL GALLONS	HEAVY FUEL (H2O2)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	380	314				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored port side to float between piers 9 and 10, U.S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com Sub Lant. Charging batteries. 0400 Secured charging batteries. 0800 Mustered crew at quarters. No unauthorized absentees. 0830 Secured shore power. 0838 Commenced warping craft to center of slip between piers 9 & 10. 0845 Commenced static dive. 1055 Surfaced. 1057 Commenced warping to float. 1102 Moored alongside float. 1314 Commenced warping to center of slip between piers 9 & 10. 1330 Commenced static dive. 1410 Surfaced, commenced warping to float. 1415 Moored port side to float. 1430 Commenced receiving all power from shore. 1730 Commenced charging batteries. 2345 Secured charging batteries.

J. A. Roberts
EM1 USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

12 - check

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SS X-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base, ~~New~~ to London Conn.

ZONE DESCRIPTION +5 Thursday (Day) 12 (Date) January (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12										SAME AS SOPA											
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H_2O_2 ~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	7 ~~12~~ PST				
ON HAND	380	~~32~~ 307 PST				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored port side to float between piers 9+10 at US Naval Submarine Base, New London Conn. Receiving all power from shore. SOPA is COMSUBLANT. 0800 Mustered crew at quarters, no unauthorized absentees. 0955 Secured taking on Shore power. 1000 Underway using various courses and speed while conducting trails in Thames River. 1600 Moored Starboard side to ~~to~~ float between piers 9+10, US Naval submarine base New London Conn. 1615 Commenced receiving all power from shore. 1630 Commenced battery charge. 2330 Secured Battery charge.

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SS X-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S.N. Submarine Base New London Conn

ZONE DESCRIPTION +5 Friday (Day) 13 (Date) January (Month), 1958

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same as SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	380	2				
ON HAND	0	305				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored along side float between Piers 9+10 at USN Submarine Base New London Conn, Receiving all power from shore, S.O.P.A is Com Sub Lant 0800 Mustered crew at quarters, no unauthorized absentees 0825 Underway for trial runs in Thames river, using various speeds, combinations and steering various courses. 1340 Moored North side Pier 9 at USN Submarine Base New London Conn. 1420 Lifted boat from water + Placed on cradle on truck. Trucked boat to North end of building 31 USN Submarine Base New London Conn. 1545 Commenced unloading H2O2 1630 Secured unloading H2O2 1745 Boat resting in cradle inside building 31 USN Submarine Base New London Conn

Malone S. Jones
ENC (SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION +5 Saturday (Day) 14 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND: FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER: READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12			Same as SOPA																		
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O_2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	307				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting in cradles inside building 31, U.S. Naval Submarine Base, New London Conn. SOPA is ComSubLant. Receiving all power from shore. 0800 - mustered crew, no unauthorized absentees

Phillip S Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM U.S. Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +5 Sunday (Day) 15 (Date) January (Month) 1956

HOUR	BY LOG: Nautical Miles (1)	Tenths (2)	COURSE (P.C.) Gyro / Mag (Indicate which) (3)	WIND (TRUE): Direction moving from (In degrees) (4)	Force (Knots) (5)	BAROMETER (CORRECTED): Height in inches (6)	Reading attached thermometer (7)	AIR TEMPERATURE: Dry bulb (8)	Wet bulb (9)	Weather by symbols (10)	CLOUDS: Form (By abbreviations) (11)	Ceiling (12)	Moving from (In degrees true) (13)	Total amount of sky covered in tenths (14)	Visibility (15)	SEA TEMPERATURE: At surface (16)	Main injection (17)	SEA CONDITIONS: Sea from (In degrees) (18)	Sea amount 0-9 (19)	Swell from (In degrees) (20)	Swell amount 0-9 (21)
A.M. 4																					
8																					
12					SAME AS SOPA.																
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	307				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradle inside building 31, U.S. Naval Submarine base, New London, Conn. Receiving all power from shore. Com Sub Lant is SOPA.
0800 Mustered crew at quarters. No unauthorized absentees.

J. A. Roberts
EM1 USN

APPROVED: Kevin Hanlon LT U.S.N. COMMANDING

EXAMINED: ______ U.S.N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London Conn

ZONE DESCRIPTION +5 MONDAY (Day) 16 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME	AS				SOPA										
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H_2O_2

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	0	307				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradle in building 31 at U.S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com Sub Lant. 0800 Mustered crew at quarters, no unauthorized absentees. 2330 Commenced Normal charge.

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanson LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London Conn

ZONE DESCRIPTION +5 TUESDAY (Day) 17 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12										Same as SOPA											
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	~~DIESEL FUEL~~ H_2O	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	400				
EXPENDED	0	0				
ON HAND	307	400				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle inside building 31 USN Submarine Base New London Conn Receiving all power from shore, SOPA is Com Sub Lant. 0530 secured battery charge. 0800 Mustered crew at quarters no ~~un~~ unauthorized absentees. 0800 Trucked craft from building 31 to pier 9. 0850 lifted craft from cradle to water, north side of pier 9 0915 Moored port side to float between piers 9 & 10 0940 Commenced loading H_2O. Received 400 gals. 1130 Secured loading H_2O 1440 warped craft to center of slip, between piers 9 & 10, 1545 Commenced static dive. 1610 Commenced warping craft to float. 1615. Moored craft port side to float between piers 9 & 10. 1900 Commenced battery charge

Malone S Jones
ENC (SS) USN

APPROVED: Kevin Hanson LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Digital Surrogate of NARA Original Record - NND 927605

RESTRICTED

PAGE 126

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

Tom
(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base TO New London Conn

ZONE DESCRIPTION ______ WEDNESDAY (Day) 18 (Date) Jan (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO __ MAG __ (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12			Same as SOPA																		
16																					
24																					

POSITION: HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H_2O_2

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	14				
ON HAND	400	293				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored portside to float between piers 9 and 10 at U.S. Naval Submarine Base, New London Conn. Charging batteries SOPA is Comsublant 0730 mustered crew, no unauthorized absentees 0800 Underway in accordance with Comsubflotone New London op Sked 3-56 0957 set course 230°T speed standard 1030 change course to 200T, 1045 changed course to 180°T 1132 Commenced using various courses and speeds while coming alongside U S S Tringa (ASR-16) 1150 Commenced lying to 1205 set course 070°T speed standard 1320 Commenced using various courses and speed while proceeding to port 1430 Moored portside to float between piers 9 and 10 at U.S. Naval Submarine Base New London Conn. 1606 warped craft from float to north of pier 9, 1630 craft removed from water and trucked to Building 31, U.S. Naval Submarine Base, New London Conn, 1743 resting on cradles inside Building 31 1930 Commenced Battery charge

Phillip S Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon LTUSN U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Digital Surrogate of NARA Original Record - NND 927605

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U.S. Naval Submarine Base, TO New London, Conn.

ZONE DESCRIPTION +5 THURSDAY (Day) 19 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H_2O_2

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	5				
ON HAND	400	288				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Resting on cradle inside building 31, U.S. Submarine Base, New London, Connecticut. Receiving all power from shore. SOPA is Com. Sub. Lant. Charging batteries. 0800 Secured charging batteries. 0600 Mustered crew at quarters, no unauthorized absentees. 0645 Trucked craft from building 31, to end of pier 9. 0715 lowered craft into water north side pier 9. 0845 Underway in accordance with ComSubFlotra Gr. New London Op. Sked 3-56. Using various courses and speed while clearing channel. 0950 Entered anchorage "Charlie" assigned operating area at mouth of thames river. Set course 170°T speed two thirds on the engine. 1110 Changed course to 020° T. submerged for initial trim dive. 1115 Surfaced. 1120 Submerged. 1150 surfaced. 1156 changed course to 210°T Submerged. 1207 Surfaced commenced using various courses and speeds while coming alongside USS Tringa (ASR-16) 1243 Moored port to port to USS Thrisa (ASR-16) 1323 Underway using various courses and speed while proceeding to diving point 1346 set course 213°T. Submerged. 1350 Surfaced 1353 Submerged. 1405 Surfaced 1422 Changed course to 015°T. Submerged. 1500 Surfaced, commenced using using various courses and speed while entering port. 1640 Moored stbd side to north side pier 9. U.S. Naval Submarine Base, New London Connecticut. 1730 Craft hauled from water and set in cradle. 1744 Commenced trucking craft to building 31. 1800 Resting on cradle inside building 31, U.S. Naval Submarine Base, New London, Connecticut. 1845 Commenced receiving all power from shore. 2130 Commenced charging batteries.

J. A. Roberts

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ________ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM US NAVAL SUBMARINE BASE NEW LONDON CONN TO

ZONE DESCRIPTION +5 FRIDAY (Day) 20 (Date) JANUARY (Month), 1956

HOUR	BY LOG: Nautical miles	BY LOG: Tenths	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): Direction moving from (in degrees)	WIND (TRUE): Force (Knots)	BAROMETER (CORRECTED): Height in inches	BAROMETER (CORRECTED): Reading attached thermometer	AIR TEMPERATURE: Dry bulb	AIR TEMPERATURE: Wet bulb	Weather by symbols	CLOUDS: Form (By abbreviations)	CLOUDS: Ceiling	CLOUDS: Moving from (In degrees true)	CLOUDS: Total amount of sky covered in tenths	Visibility	SEA TEMPERATURE: At surface	SEA TEMPERATURE: Main injection	SEA CONDITIONS: Sea from (In degrees)	Sea amount 0-9	Swell from (In degrees)	Swell amount 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12									SAME AS SOPA.												
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O_2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	113	6				
ON HAND	287	282				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-0400 Resting in cradle in Building 31 at US Naval Submarine Base, New London Conn. Receiving all power from shore. SOPA is ComSubLant. 0800 Mustered crew at quarters no unauthorized absentees. 0903 Secured from receiving shore power 0906 Commenced trucking craft from building 31 to pier 9. 0908 Craft lowered into water north side pier 9. 0925 Commenced warping craft to float 0956 Moored port side to float between pier 9 and 10. 1130 Underway in accordance with Com Sub Refit tra Gru Nlon OP 3-56 ~~10. 1130~~ ~~Underway in accor~~. Using various courses and speeds while clearing channel 1240 Entered anchorage "Charlie" assigned op area, at mouth of Thames River. Set course 210° speed standard op the engine 1245 submerged on course 210°T 1345 Surfaced on course 025°T 1401 Changed course to 215°T 1500 Submerged on 215°T. 1541 Surfaced commenced using various courses and speeds while entering port. 1650 Moored port side to float between piers 9 & 10 US Naval Submarine Base, New London, Conn. 1701 commenced receiving shore power. 1900 ~~Cha~~ Commenced charging batteries

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanlon U. S. N. COMMANDING
LT.

EXAMINED: ____ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London Conn

ZONE DESCRIPTION +5 SATURDAY (Day) 21 (Date) January (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12									Same as SOPA												
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	DIESEL FUEL (H2O)	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	282	287				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Moored along side float between piers 9+10. U.S Naval Submarine Base New London Conn S.O.P.A. is Com Sub Lant. Receiving all power from shore. 0100 Secured charging batteries. 0800 Mustered crew at quarters, no unauthorized absentees.

Malone S. Jones
ENC (SS) USN

APPROVED: [signature] U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP U.S.S X1 (Name) SS X1 (Identification number)

(DELETE ONE) ~~AT/PASSAGE~~ FROM U.S. NAVAL SUBMARINE BASE TO NEW LONDON CONN

ZONE DESCRIPTION +5 SUNDAY (Day) 22 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO __ MAG __ (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12			SAME AS SOPA																		
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL H2O?

GALLONS	~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	1				
ON HAND	287	281				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-2400 Moored portside to, alongside float between piers nine and ten, at U.S. Naval Submarine Base, New London Conn. S.O.P.A is Comsublant. Receiving all power from shore. 0800 mustered crew, no unauthorized absentees.

Phillip S. Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE~~ FROM U.S. Naval Submarine Base, ~~TO~~ New London, Connecticut

ZONE DESCRIPTION +5 Monday (Day) 23 (Date) January (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12					Same			As			SOPA										
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O ~~HEAVY FUEL~~	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	31	8				
ON HAND	256	273				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored port side to float between piers 9+10, U.S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com Sub Lant. 0800 Mustered crew at quarters. No unauthorized absentees. 0810 Secured shore power. 0814 Underway in accordance with Com Sub Flotilla Two N. Lon Op Sked 4-56. Using various courses and speed while clearing channel. 0917 Entered anchorage "Clarlie", assigned operating area at mouth of Thames River. Set course 200T speed standard on the engine ~~course~~ JAR steering various courses and speed to line up on diving track. 1122 Submerged on 200°T. 1156 Surfaced. Commenced using various courses and speed to line up on diving track. JAR 1315 Set course 210°T. 1340 Submerged on course 030°T. 1423 Surfaced, set course 200°T, speed two third on the engine. 1450 Commenced steering various courses and speeds while entering port 1629 Moored port side to float between piers 9 and 10, U.S. Naval Submarine Base, New London, Conn. 1635 Commenced taking on shore power. 1820 commenced warping craft to north side pier 9. 1905 Craft hauled from water and set in cradle. 1920 Commenced trucking craft to building 31, U.S. Naval Submarine Base, New London, Conn. 1950 Resting on cradle inside building 31. 2120 Commenced receiving all power from shore.

J. A. Roberts
[illegible] EM1, USN

APPROVED: [signature] U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM New London Conn U S N Submarine Base

ZONE DESCRIPTION +5 Tuesday (Day) 24 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12					Same as SOPA																
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	256	273				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle in Building 31 at U.S. Naval Submarine Base New London Conn. Receiving all power from shore. S.O.P.A. is Com Sub Lant. 0800 Mustered crew at quarters. No unauthorized absentees.

Charles W. Annable
EN3(SS) USN.

APPROVED: Kevin Hanson U. S. N. COMMANDING
Lt

EXAMINED: U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SSX-1 (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London Conn

ZONE DESCRIPTION +5 Wednesday (Day) 25 (Date) January (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P.C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12								Same as SOPA													
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	13	2				
ON HAND	243	271				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting in cradle in building 31 U.S. Naval Submarine Base New London Conn, Receiving all power from shore ~~from ship~~, SOPA is Com Sub Lant 0800 Mustered crew at quarters, no unauthorized absentees, 0830 Secured battery charge. 0845 Trucked craft from building 31 to Pier 9, 0915 Lifted craft from cradle to water 0950 Underway from Pier 9 & float 0959 Moored port side to float between Piers 9 and 10, 1115 Underway in accordance with Com Sub Refitra Gr O.P. Schedule 4-56 using various courses and speeds while clearing channel 1220 entered anchorage "Charlie" assigned operations area at the mouth of the Thames River 1220 Commenced lying to 1305 Submerged on course -200T 1410 Surfaced on course 015°T set speed two thirds on the engine 1440 commenced using various courses and speed while maneuvering to receive tow from U.S.S. Tringa (ASR 16) 1510 Commenced tow 1520 lost tow, 1530 Commenced using various courses and speed to receive tow from Tringa (ASR 16) 1540 Commenced tow 1630 Released tow Commenced using various courses and speed while proceeding to Port 1655 Moored starboard side to North side of Pier 9, 1715 Lifted craft from water to cradle on Pier 9 1730 Trucked craft from Pier 9 to building 31 US Naval Submarine Base New London Conn 1801 Commenced receiving shore power

Malone S. Jones
ENC (SS) USN

APPROVED: Kevin Hanlon LT U.S.N. COMMANDING

EXAMINED: ___ U.S.N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) SS X-1 (Identification number)

Jom

~~(DELETE ONE)~~ AT/~~PASSAGE~~ FROM U.S. NAVAL SUBMARINE BASE TO NEW LONDON CONN

ZONE DESCRIPTION +5 THURSDAY (Day) 26 (Date) JANUARY (Month), 1956

HOUR	BY LOG: NAUTICAL MILES (1)	BY LOG: TENTHS (2)	COURSE (P. C.) GYRO __ MAG __ (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	WIND: FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	BAROMETER: READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	AIR TEMPERATURE: WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CLOUDS: CEILING (12)	CLOUDS: MOVING FROM (In degrees true) (13)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	SEA TEMPERATURE: MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A. M. 4																					
8																					
12			SAME AS SOPA																		
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	243	271				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle in Building 31 US Naval Submarine Base New London Conn. SOPA is Com Sub Lant Receiving all power from shore, 0800 Mustered crew at quarters, no unauthorized absentees. 0855 Secured shore power. 0900 Trucked craft to Pier 9. 0915 Lifted craft to water. 1020 underway for battery tests, in Thames river, steering various courses and speeds. 1120 Moored port side to, alongside of float between piers 9 + 10, at US Naval Submarine Base New London Conn. 1200 Commenced battery charge. 1915 secured battery charge 1917 Commenced receiving all power from shore.

Philip S Thompson
EN1(SS) USN

APPROVED: Kevin Hanlon [illegible] U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM U S Naval Submarine Base TO New London, Conn.

ZONE DESCRIPTION +5 FRIDAY (Day) 27 (Date) JANUARY (Month) 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA															
16																					
20																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	4	4				
ON HAND	239	267				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

00-24 Moored port side to float between piers 9 and 10, U.S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com. Sub. Lant. 0630 Mustered crew at quarters, no unauthorized absentees. 0745 Secured taking on power from shore. 0810 Underway in accordance to Com Sub Ref Tra Gru. Op. Sked 4-56. Using various courses and speeds while clearing channel. 0825 Returning to mooring due to hydraulic casualty. 0855 Moored port side to float between piers 9 and 10. 1011 Underway for scheduled operation. Steering various courses and speed to hold rendezvous with U.S.S. Tringa (ASR-16) at mouth of Thames river 1100 Moored port side to USS Tringa (ASR-16) 1118 Commenced being towed astern by USS Tringa (ASR-16) 1210 Commenced steering various courses and speeds to come alongside U.S.S. Tringa (ASR-16) 1222 Moored port side to USS Tringa (ASR-16) 1230 Commenced being towed alongside by USS Tringa (ASR-16) 1300 Cast off tow, underway. Set course 000°T speed full on the battery. 1325 Change course to 290°T. 1324 Change speed to two thirds on the battery. 1337 Submerged. 1410 surfaced. 1420 Steering various courses and speeds to moor port side to USS Tringa (ASR-16) 1450 Moored port side to USS Tringa (ASR-16) to receive tow line 1502 Commenced being towed astern USS Tringa (ASR-16) using various course and speed

APPROVED: EXAMINED:

______ U. S. N. COMMANDING ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U.S. Naval Submarine Base TO, New London, Conn

ZONE DESCRIPTION +5 FRIDAY (Day) 27 (Date) JAN (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12										SAME AS SOPA.											
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	HEAVY FUEL	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED						
EXPENDED						
ON HAND						

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

on return to port. 1620 Released tow in Thames river, Connecticut with ~~tow~~ JAK Bailey's Point Light abeam to Starboard. 1655 Came alongside, port side to YTB-584 for alongside tow. 1712 Cast off tow using various courses and speeds to moor. 1725 Moored port side to JAR. north side pier 9, U.S. Naval Submarine Base, New London Conn. 1735 Craft hauled from water to cradle for transportation to building 31. 1750 Commenced trucking craft to building 31. 1800 craft resting on cradle inside building 31. 1835 Commenced receiving power for JAK from shore. 1845 Commenced battery charge. 1945 Secured battery charge.

J. A. Robert
EM1, USN

APPROVED: Kevin Henson U. S. N. COMMANDING
LT

EXAMINED: ______ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

Check

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM US NAVAL SUBMARINE BASE to NEW LONDON, CONN.

ZONE DESCRIPTION +5 Saturday (Day) 28 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	H2O2 (~~HEAVY FUEL~~)	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	239	267				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 RESTING ON CRADLES IN BUILDING 31 AT US NAVAL SUBMARINE BASE, NEW LONDON, CONN. RECIEVING ALL POWER FROM SHORE. SOPA IS COMSUBLANT. 0800 MUSTERED CREW AT QUARTERS, NO UNAUTHORIZED ABSENTEES.

Charles W. Annable
EN3(SS) USN

APPROVED: Kevin Hanlon LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM USN Submarine Base New London TO Conn

ZONE DESCRIPTION +5 Sunday (Day) 29 (Date) January (Month) 1956

HOUR	BY LOG: NAUTICAL MILES (1)	TENTHS (2)	COURSE (P. C.) GYRO — MAG — (Indicate which) (3)	WIND (TRUE): DIRECTION MOVING FROM (In degrees) (4)	FORCE (Knots) (5)	BAROMETER (CORRECTED): HEIGHT IN INCHES (6)	READING ATTACHED THERMOMETER (7)	AIR TEMPERATURE: DRY BULB (8)	WET BULB (9)	WEATHER BY SYMBOLS (10)	CLOUDS: FORM (By abbreviations) (11)	CEILING (12)	MOVING FROM (In degrees true) (13)	TOTAL AMOUNT OF SKY COVERED IN TENTHS (14)	VISIBILITY (15)	SEA TEMPERATURE: AT SURFACE (16)	MAIN INJECTION (17)	SEA FROM (In degrees) (18)	SEA AMOUNT 0-9 (19)	SWELL FROM (In degrees) (20)	SWELL AMOUNT 0-9 (21)
A. M. 4																					
8																					
12						Same As SOPA															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	239	267				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle in building 31 at U.S Naval Submarine Base New London Conn. Receiving all power from shore. S.O.P.A. is Com Sub Lant. 0800 Mustered crew at quarters. no unauthorized absentees

Malcolm S. Jones
USN ENG (SS)

APPROVED: Kevin Hanson LT U. S. N. COMMANDING

EXAMINED: U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

 Tom

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/PASSAGE FROM US Naval Submarine Base New London Conn

ZONE DESCRIPTION +5 Monday (Day) 30 (Date) January (Month), 1956

	BY LOG		COURSE (P. C.)	WEATHER CONDITIONS												SEA CONDITIONS					
				WIND (TRUE)		BAROMETER (CORRECTED)		AIR TEMPERATURE			CLOUDS					SEA TEMPERATURE					
HOUR	NAUTICAL MILES	TENTHS	GYRO ___ MAG ___ (Indicate which)	DIRECTION MOVING FROM (In degrees)	FORCE (Knots)	HEIGHT IN INCHES	READING ATTACHED THERMOMETER	DRY BULB	WET BULB	WEATHER BY SYMBOLS	FORM (By abbreviations)	CEILING	MOVING FROM (In degrees true)	TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	AT SURFACE	MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						Same as SOPA															
16																					
24																					

POSITION		
HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL GALLONS	~~HEAVY FUEL~~ H2O2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	239	267				

MAGAZINE TEMPERATURES:
MAXIMUM
MINIMUM

0000-2400 Resting on cradle in building 31, U.S. Naval Submarine Base New London Conn, Receiving all power from shore. 0800 Mustered crew at quarters no unauthorized absentees

Phillip S Thompson
EN1(SS) USN

APPROVED: Kevin Hanson LT U. S. N. COMMANDING

EXAMINED: ___ U. S. N. NAVIGATOR.
(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)

RESTRICTED

LOG OF THE UNITED STATES SHIP X-1 (Name) (SSX-1) (Identification number)

(DELETE ONE) AT/~~PASSAGE FROM~~ U.S. Naval Submarine Base ~~TO~~ New London, Connecticut

ZONE DESCRIPTION ______ Tuesday (Day) 31 (Date) January (Month), 1956

HOUR	BY LOG: NAUTICAL MILES	BY LOG: TENTHS	COURSE (P. C.) GYRO — MAG — (Indicate which)	WIND (TRUE): DIRECTION MOVING FROM (In degrees)	WIND (TRUE): FORCE (Knots)	BAROMETER (CORRECTED): HEIGHT IN INCHES	BAROMETER (CORRECTED): READING ATTACHED THERMOMETER	AIR TEMPERATURE: DRY BULB	AIR TEMPERATURE: WET BULB	WEATHER BY SYMBOLS	CLOUDS: FORM (By abbreviations)	CLOUDS: CEILING	CLOUDS: MOVING FROM (In degrees true)	CLOUDS: TOTAL AMOUNT OF SKY COVERED IN TENTHS	VISIBILITY	SEA TEMPERATURE: AT SURFACE	SEA TEMPERATURE: MAIN INJECTION	SEA FROM (In degrees)	SEA AMOUNT 0-9	SWELL FROM (In degrees)	SWELL AMOUNT 0-9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A. M. 4																					
8																					
12						SAME AS SOPA.															
16																					
24																					

POSITION

HOUR	LATITUDE	LONGITUDE
0800		
1200		
2000		

FUEL

GALLONS	~~HEAVY FUEL~~ H_2O_2	DIESEL FUEL	MOTOR GASO.	AVIA. GASO.	SHIP LUB.	AVIA. LUB.
RECEIVED	0	0				
EXPENDED	0	0				
ON HAND	239	267				

MAGAZINE TEMPERATURES:

MAXIMUM

MINIMUM

00-24 Resting in cradle inside building 31, U. S. Naval Submarine Base, New London, Conn. Receiving all power from shore. SOPA is Com. Sub. Lant. 0115 Fairchild Engine Division employee Paul Thorkelson suffered a broken arm due to a fall from the craft. 0800 Mustered crew at quarters. No unauthorized absentees.

J. A. [illegible]
EM1 USN.

APPROVED: [illegible] LT U. S. N. COMMANDING

EXAMINED: ______ U. S. N. NAVIGATOR.

(SIGNATURE REQUIRED ONLY WHEN NAVIGATOR IS OTHER THAN COMMANDING OFFICER.)